

APR 16 2002

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
OR

Attorney Docket Number EMCORE 3.0-069

First Named Inventor Alexander Gurary

COMPLETE IF KNOWN

Application Number 10/046,426

Filing Date January 16, 2002

Group Art Unit N/A

Examiner Name Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REACTOR HAVING A MOVABLE SHUTTER

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application No. and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box +

Approved for use through 10/31/2002 OMB 0651-0032

U S Patent and Trademark Office; U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

POWER OF ATTORNEY. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Customer Number 000530

Direct all correspondence to:

Customer Number
or Bar Code Label

OR

Correspondence address below

Name _____

Address _____

City _____

State _____

ZIP _____

Country _____

Telephone _____

Fax _____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

Alexander

Family Name
or Surname

Gurary

Inventor's
Signature

Date

Residence: City

NJ

Country _____

US

Mailing
Address:

1068 Tullo Farm Road

City

Bridgewater

NJ

08807

Country _____

NAME OF SECOND INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

Scott

Family Name
or Surname

Elman

Inventor's
Signature

Date

Residence: City

NJ

Country _____

US

Mailing
Address:

20 Leeds Lane

City

Monroe Township

NJ

08831

Country _____

Additional inventors are being named on the

1

supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

O P E R A T I O N

APR 15 2002

SEARCHED
INDEXED
TRADEMARK OFFICE

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)****Supplemental Sheet**

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <i>Keng</i>		Family Name or Surname Moy	
Inventor's Signature <i>[Signature]</i>			Date <i>3/27/02</i>
Residence: City Basking Ridge	State NJ	Country	Citizenship US
Mailing Address: 24 Cedar Creek Drive			
City Basking Ridge	State NJ	ZIP 07920	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <i>Vadim</i>		Family Name or Surname Boguslavskiy	
Inventor's Signature <i>V. Boguslavskiy</i>			Date <i>3/27/02</i>
Residence: City Princeton	State <i>NJ</i>	Country	Citizenship Ukraine
Mailing Address: 26 Rider Terrace			
City Princeton	State NJ	ZIP 08540	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address:			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address:			
City	State	ZIP	Country